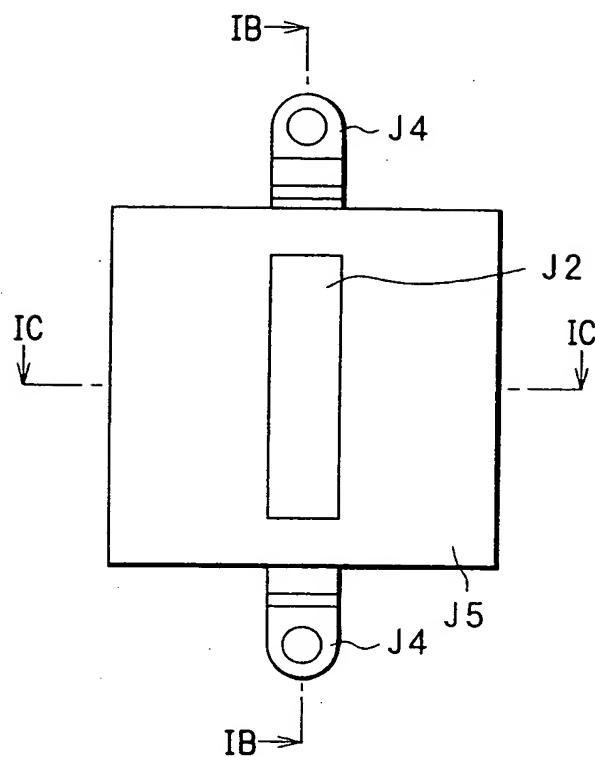


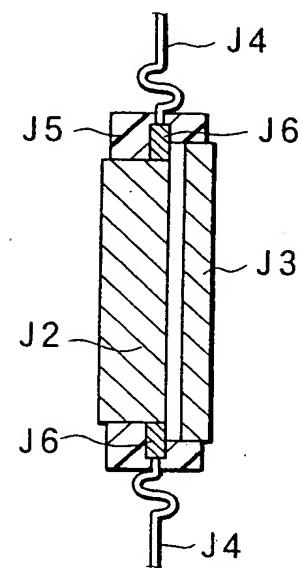
**FIG. 1A**

**FIG. 1B**

PRIOR ART

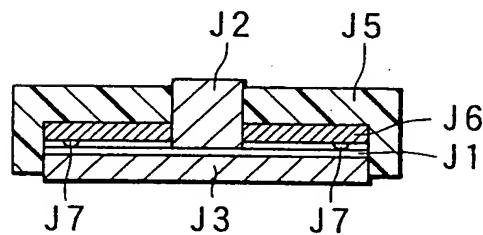


PRIOR ART

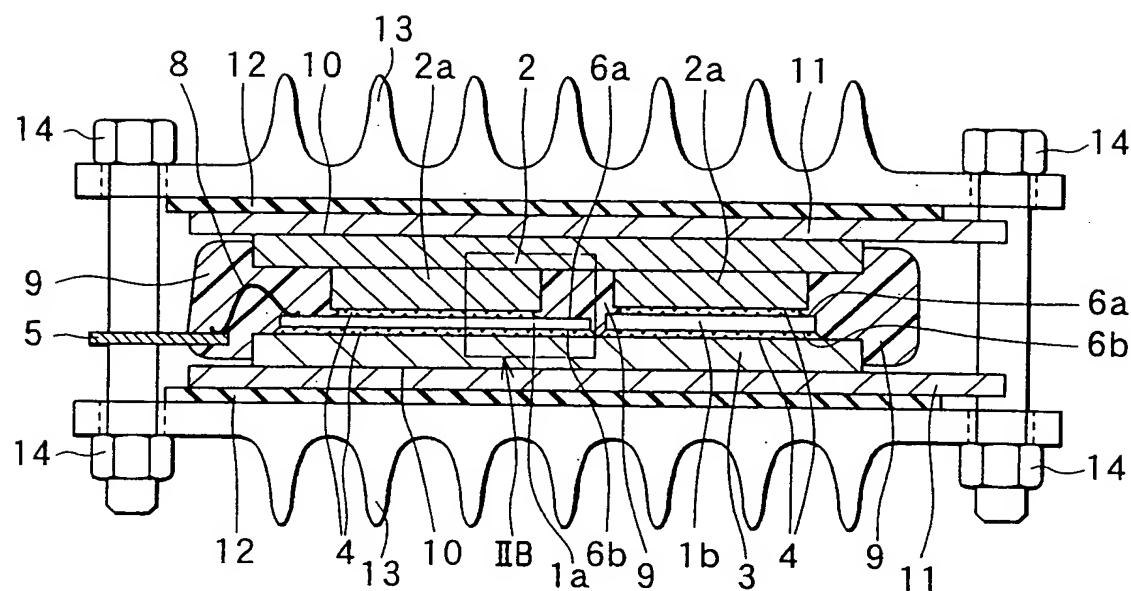


**FIG. 1C**

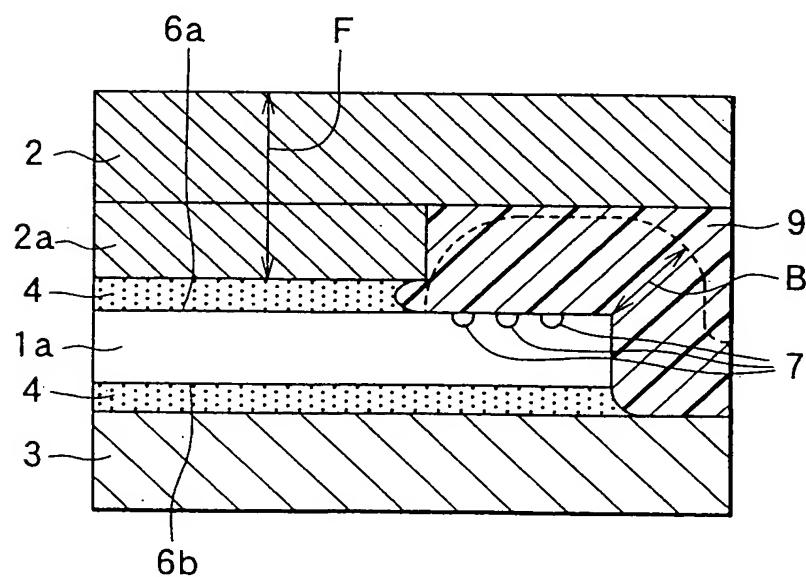
PRIOR ART



## FIG. 2A



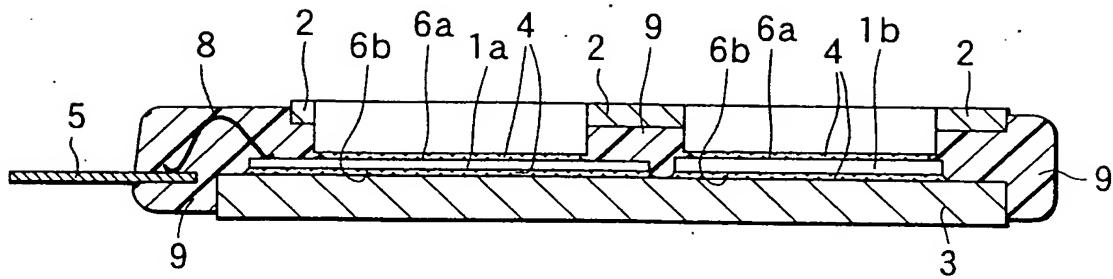
## FIG. 2B



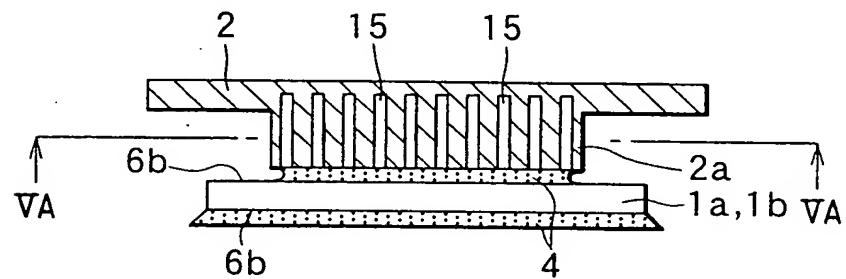
# FIG. 3

NAME OF METAL	CHEMICAL COMPOSITION (%)													
	Fe	Zn	P	Ni	Si	Sn	NiB	Mn	Mg	Cr	Ti	B	Cu	Al
METAL a	2.3	0.1	0.03											REMAIN.
METAL b	2.4	0.12	0.03											REMAIN.
METAL c				3.0	0.7									REMAIN.
METAL d	1.5	0.5					0.5							REMAIN.
METAL e	1.0	0.05	0.1				1.0							REMAIN.
METAL f	0.75		0.03				1.25							REMAIN.
METAL g	0.05 0.15		0.025 0.040											REMAIN.
METAL h	0.05 0.4		0.05 0.1				0.05 0.2	0.05 0.45						REMAIN.
METAL i			0.15 OR LOWER	0.1	0.4		1.7 2.3							REMAIN.
METAL j	0.2	0.35		3.0 3.4	0.6 0.75	1.0 1.5								REMAIN.
METAL k	0.12 1.0	0.03 0.1			0.1 1.0			0.02 0.05	0.02 0.05	0.02 0.05	0.03 0.05			REMAIN. 0.2
METAL l	0.5	0.1			0.3 0.7			0.05 0.05	0.35 0.3	0.03 0.03	0.06 0.06	0.1	REMAIN.	

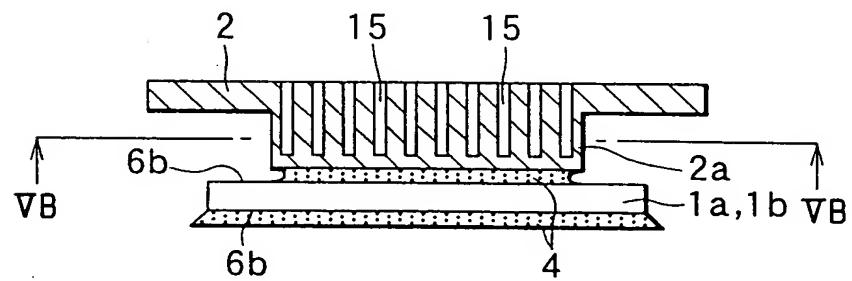
**FIG. 4A**



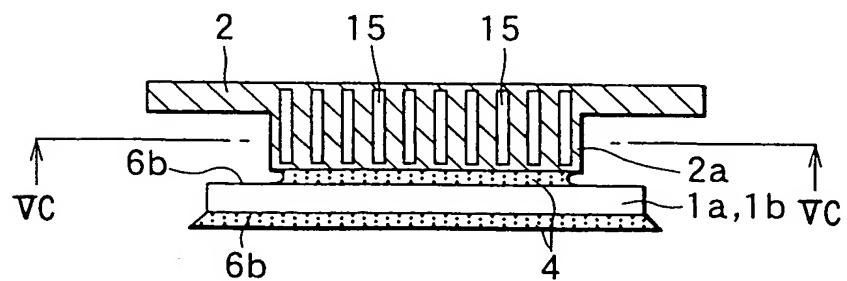
**FIG. 4B**



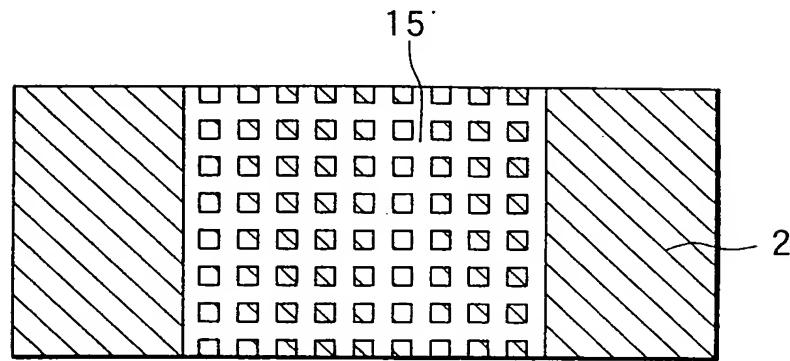
**FIG. 4C**



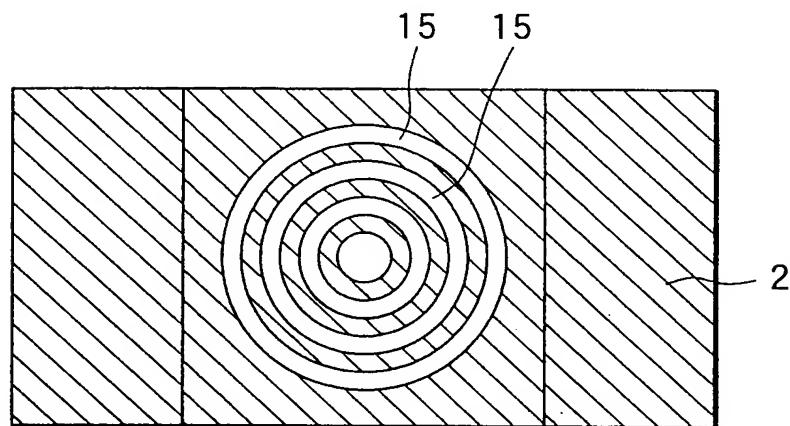
**FIG. 4D**



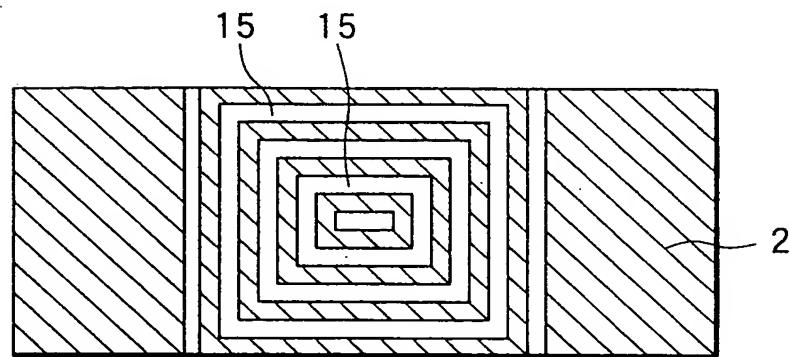
**FIG. 5A**



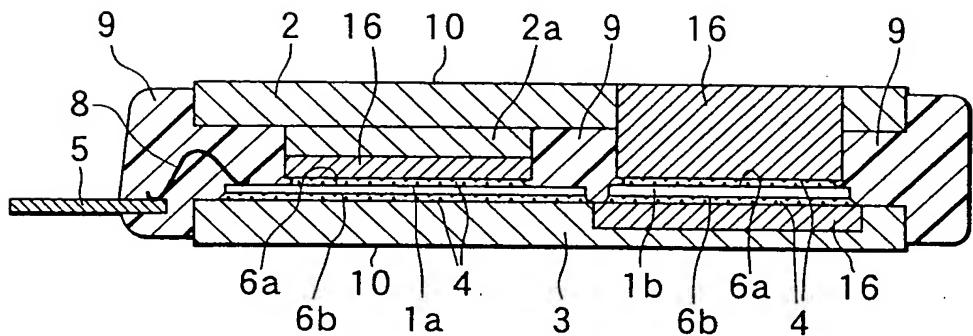
**FIG. 5B**



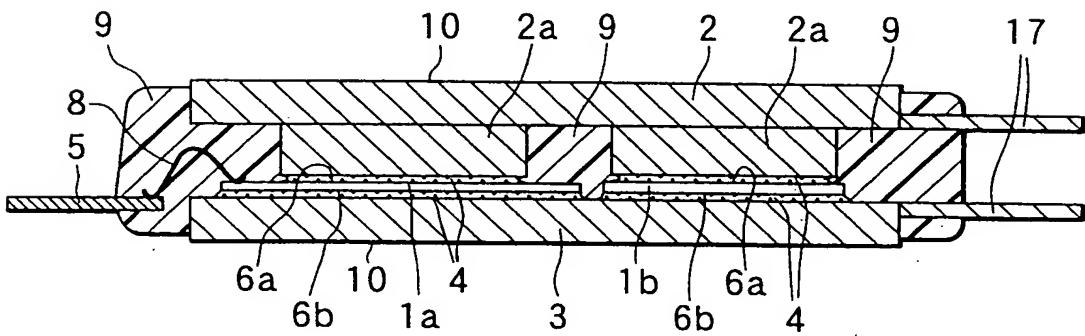
**FIG. 5C**



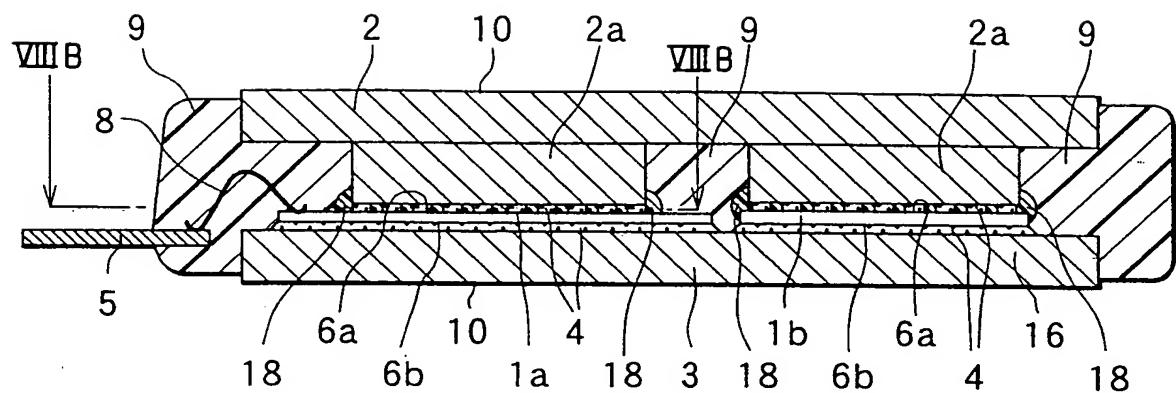
**FIG. 6**



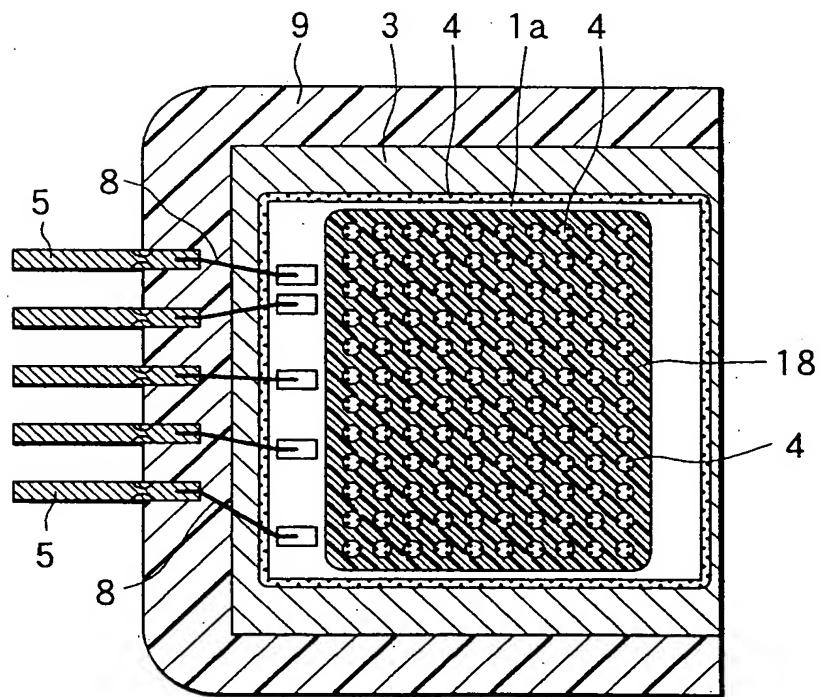
**FIG. 7**



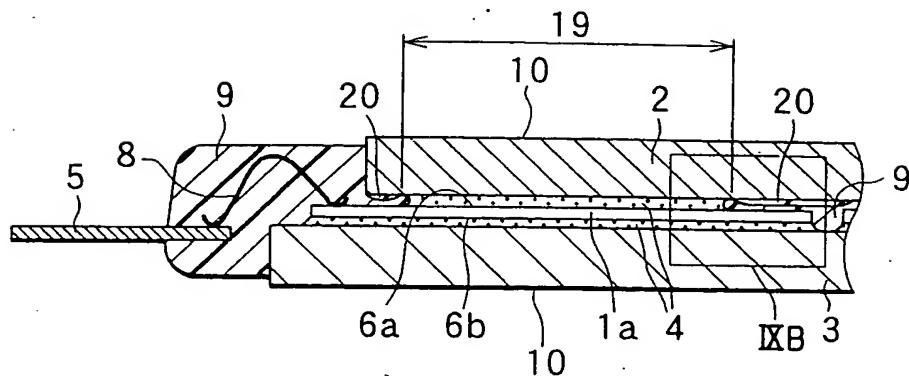
**FIG. 8A**



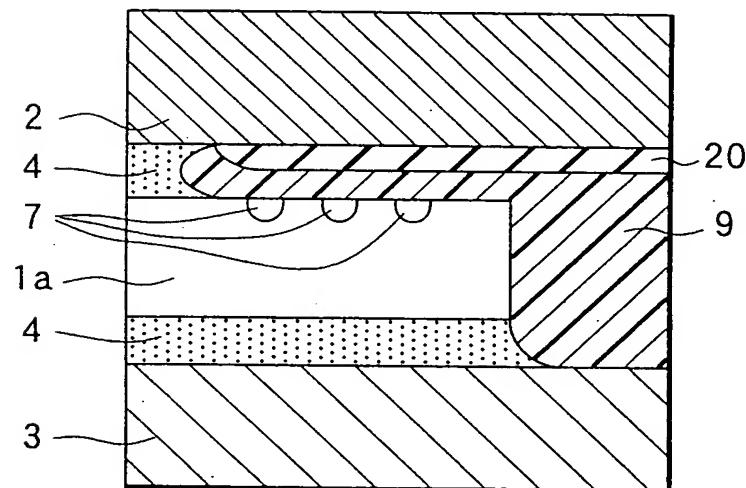
**FIG. 8B**



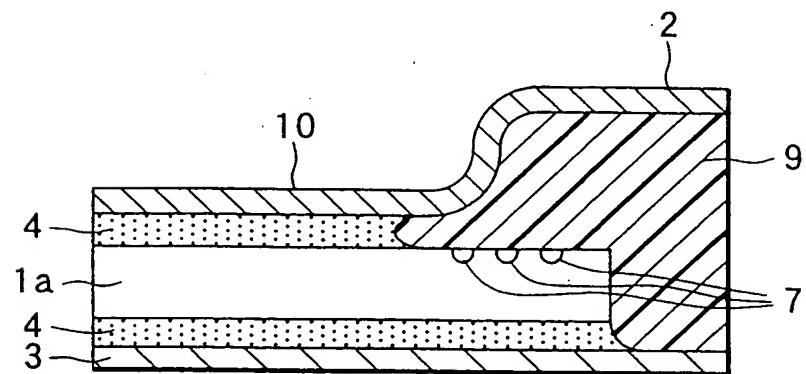
**FIG. 9A**



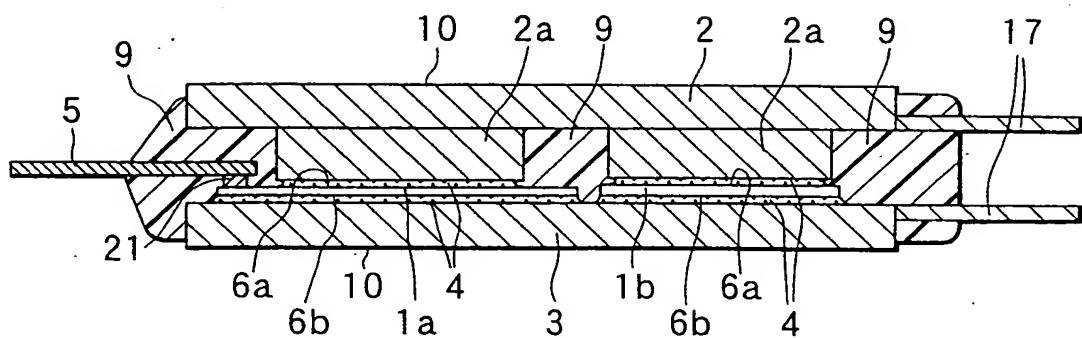
**FIG. 9B**



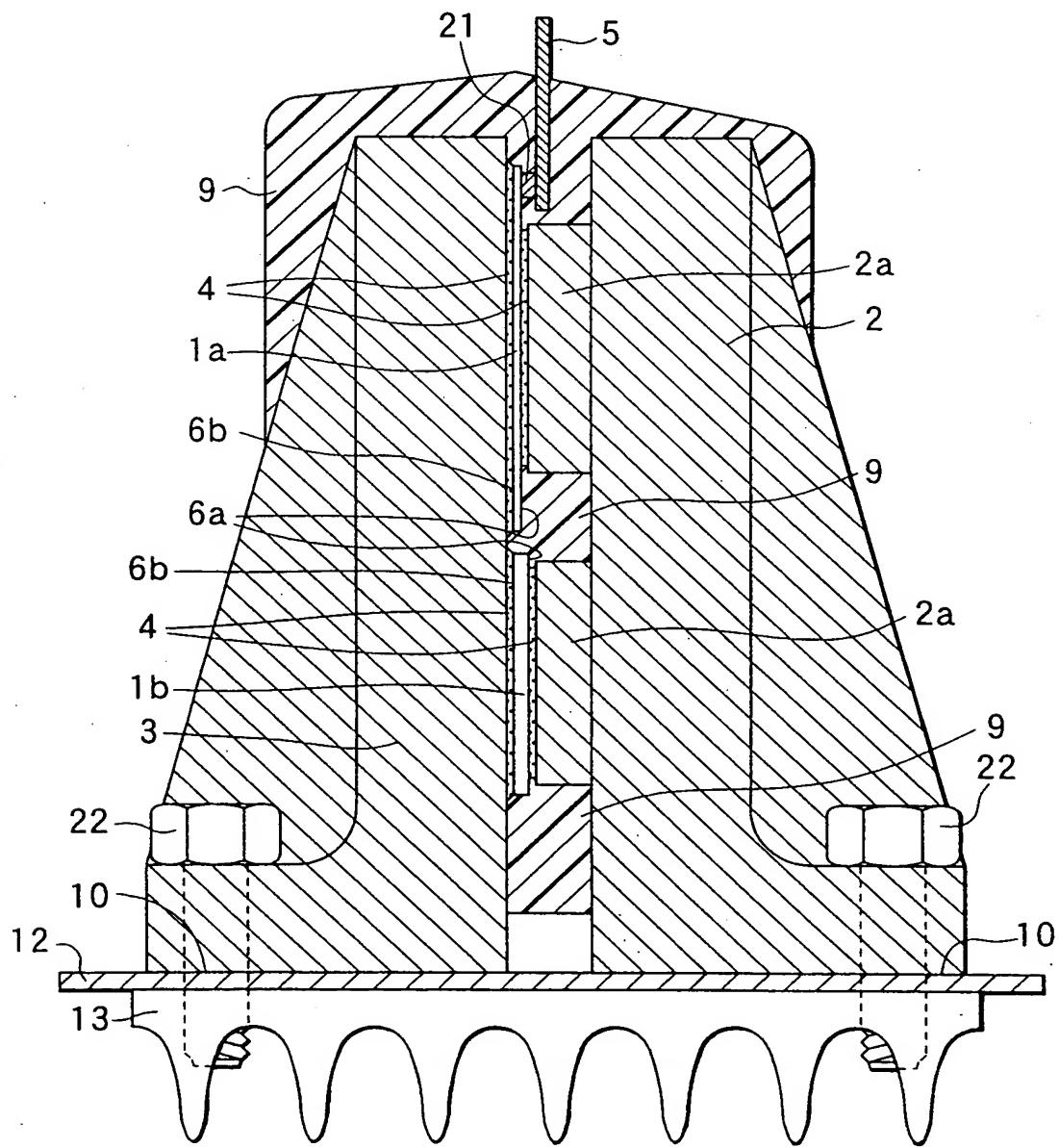
**FIG. 9C**



**FIG. 10**



**FIG. 11**



**FIG. 12**

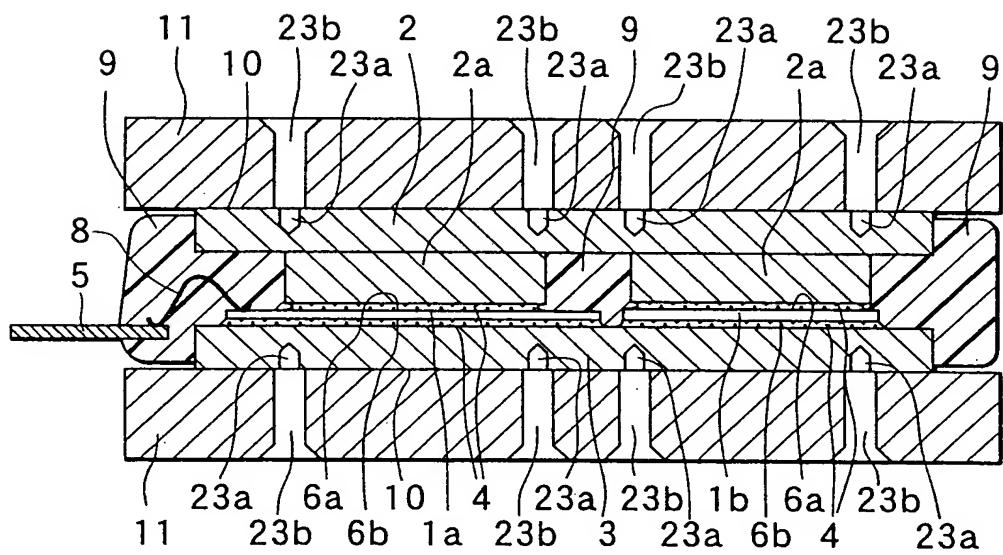
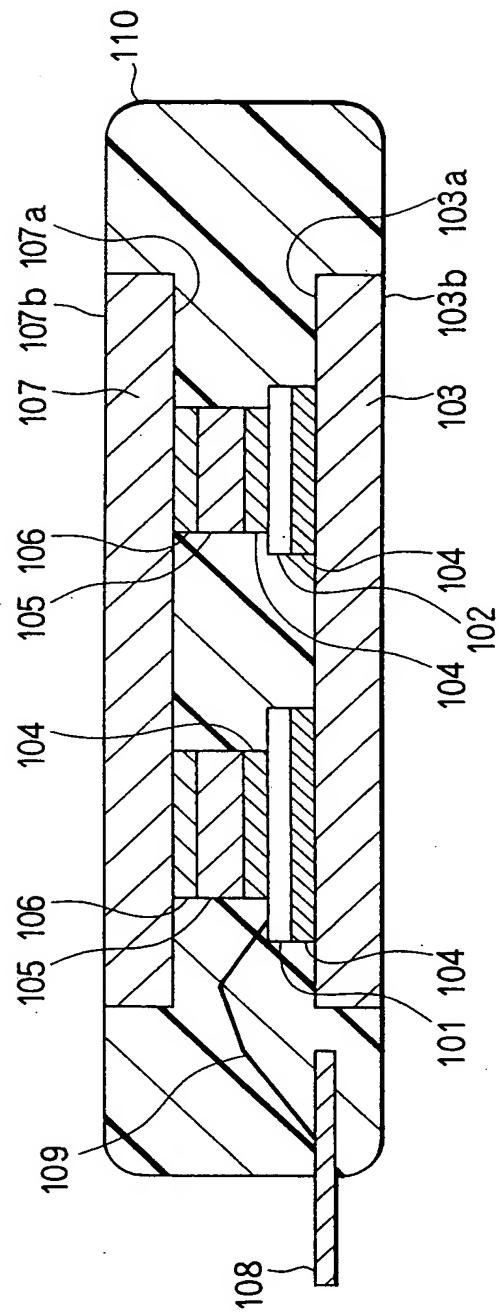
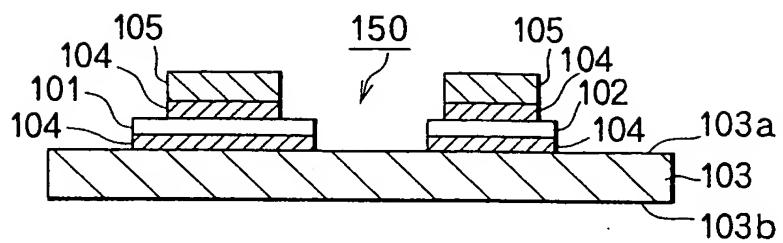


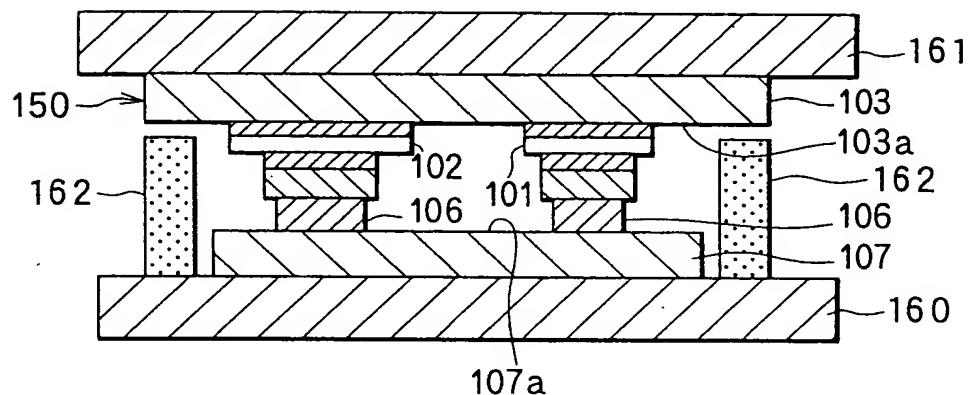
FIG. 13



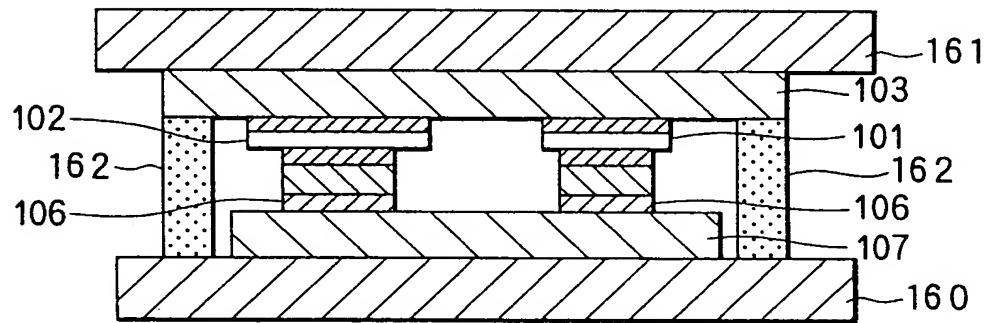
### FIG. 14A



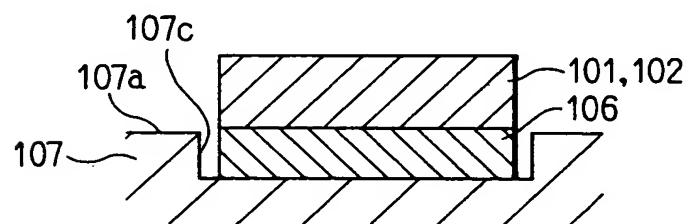
### FIG. 14B



### FIG. 14C



### FIG. 15



**FIG. 16**

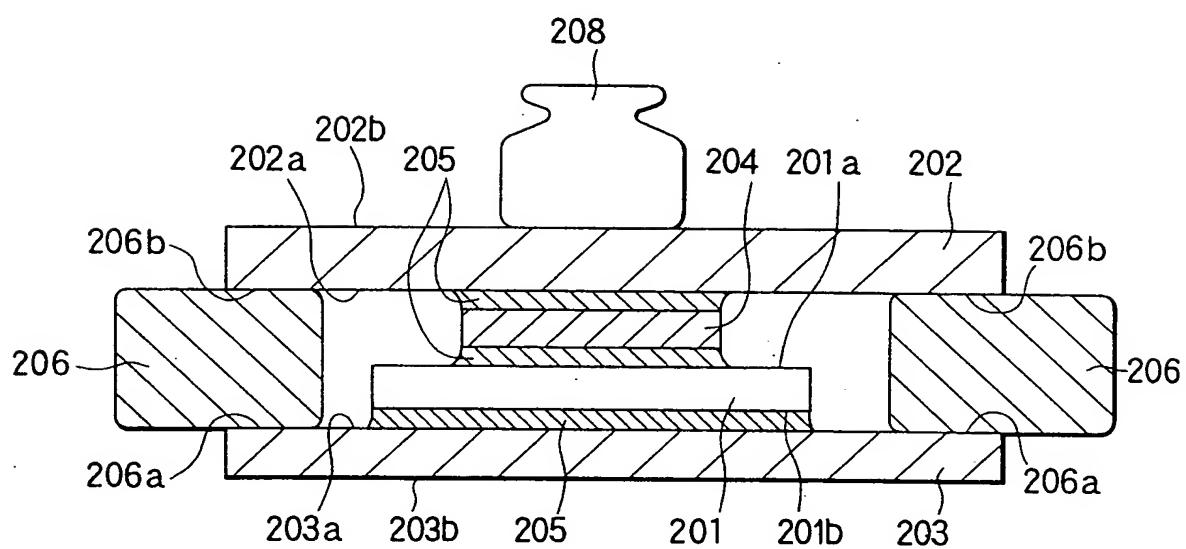


FIG. 17

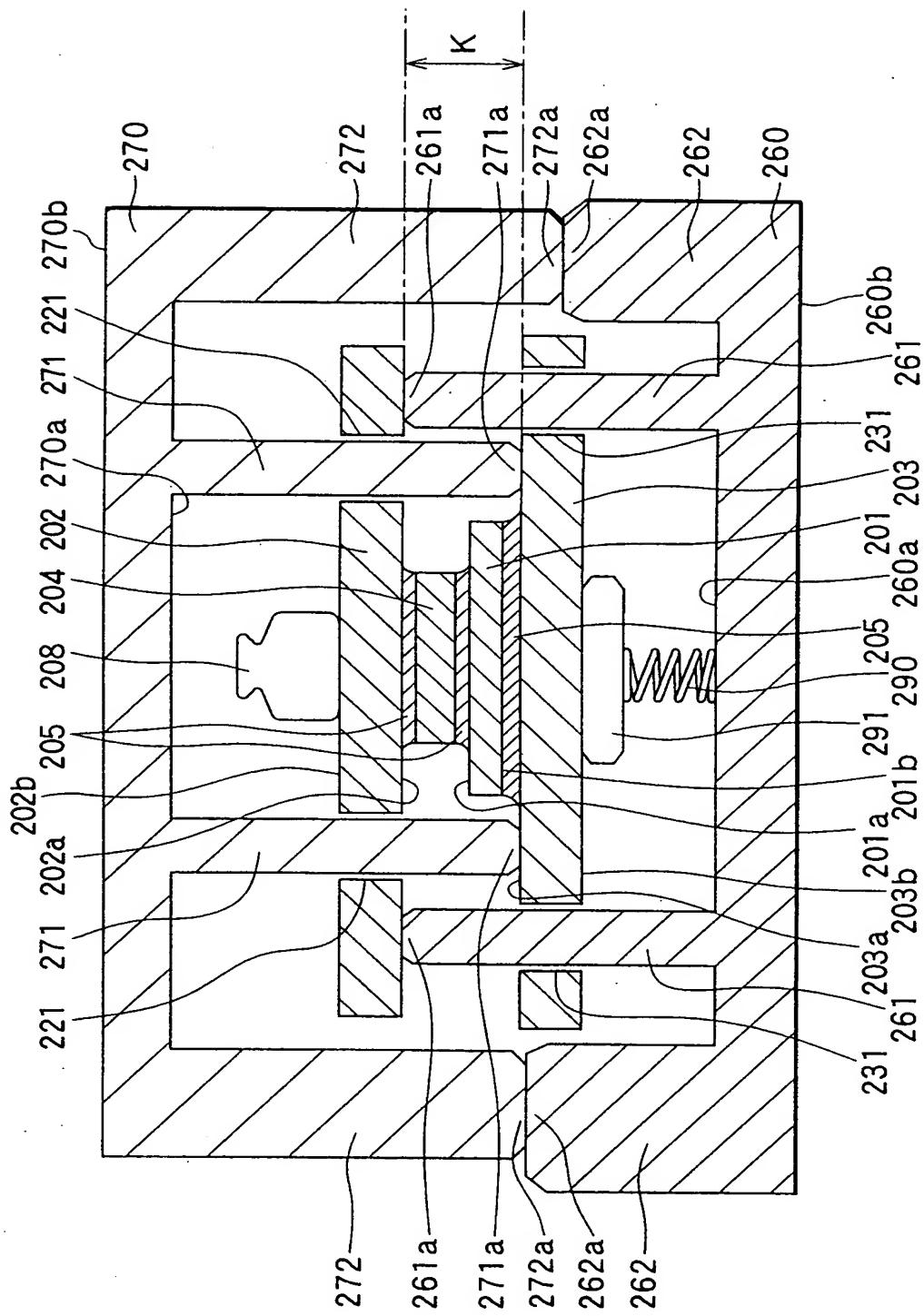


FIG. 18

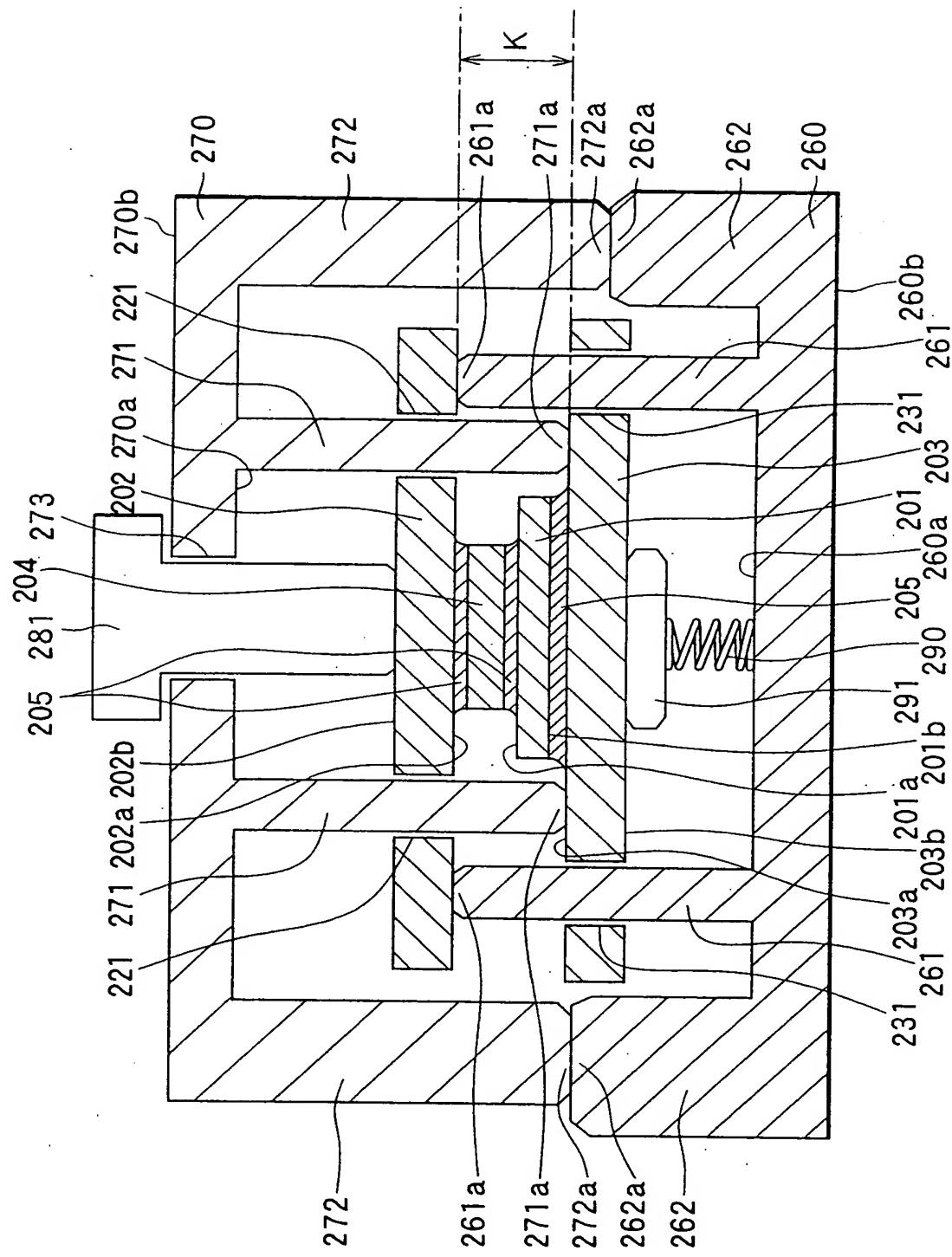
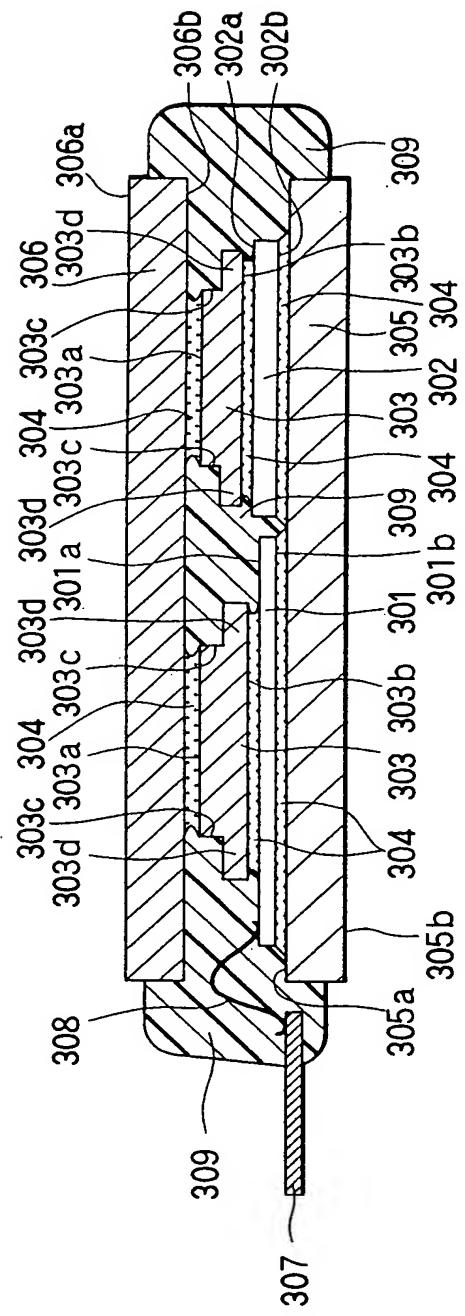
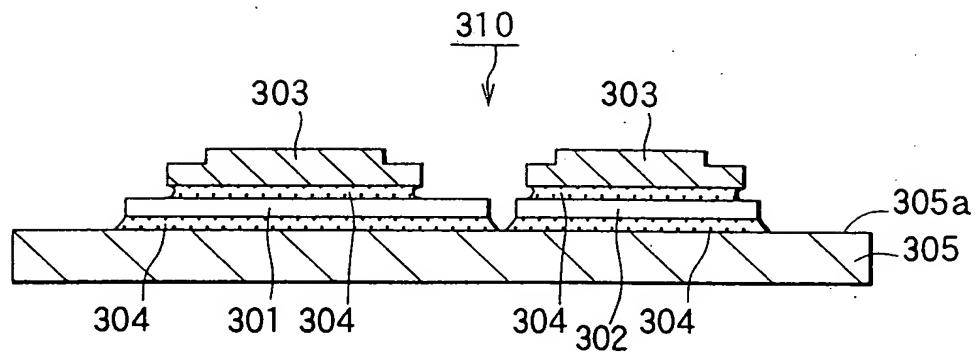


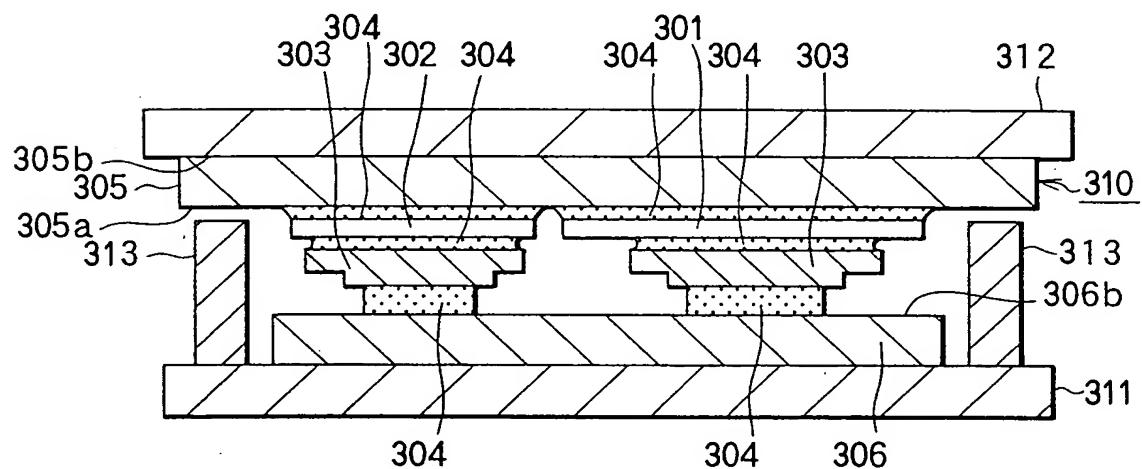
FIG. 19



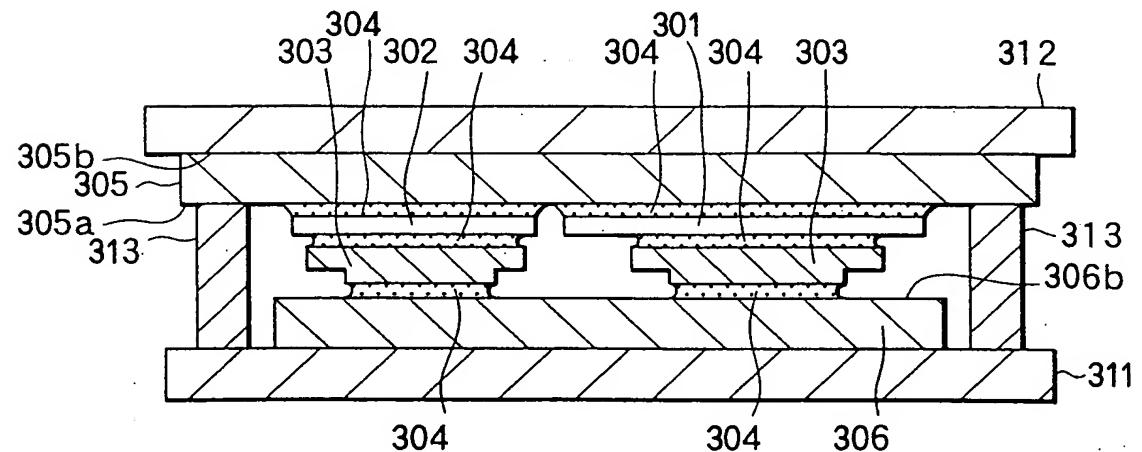
**FIG. 20A**



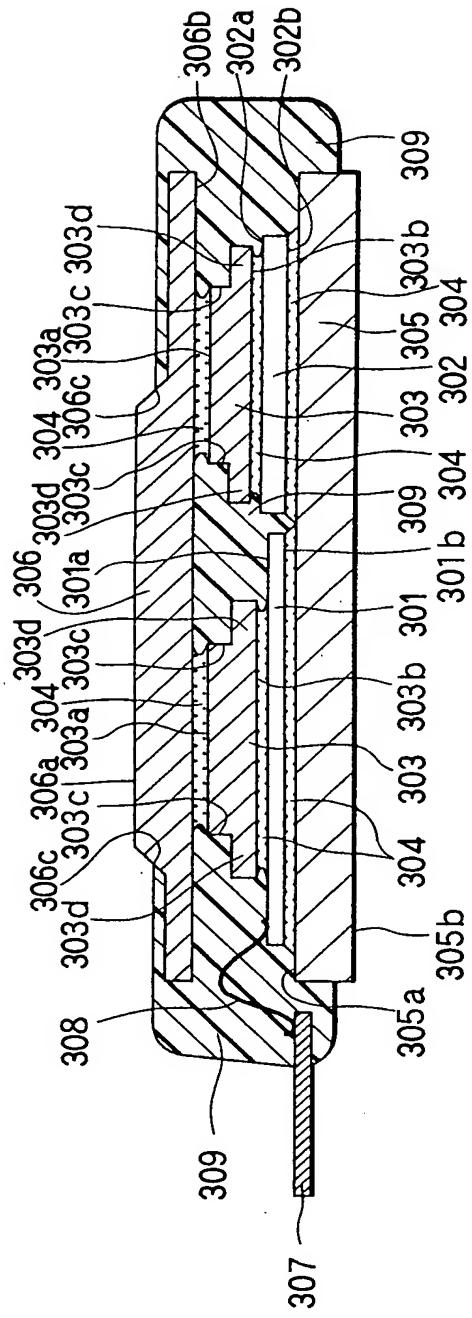
**FIG. 20B**



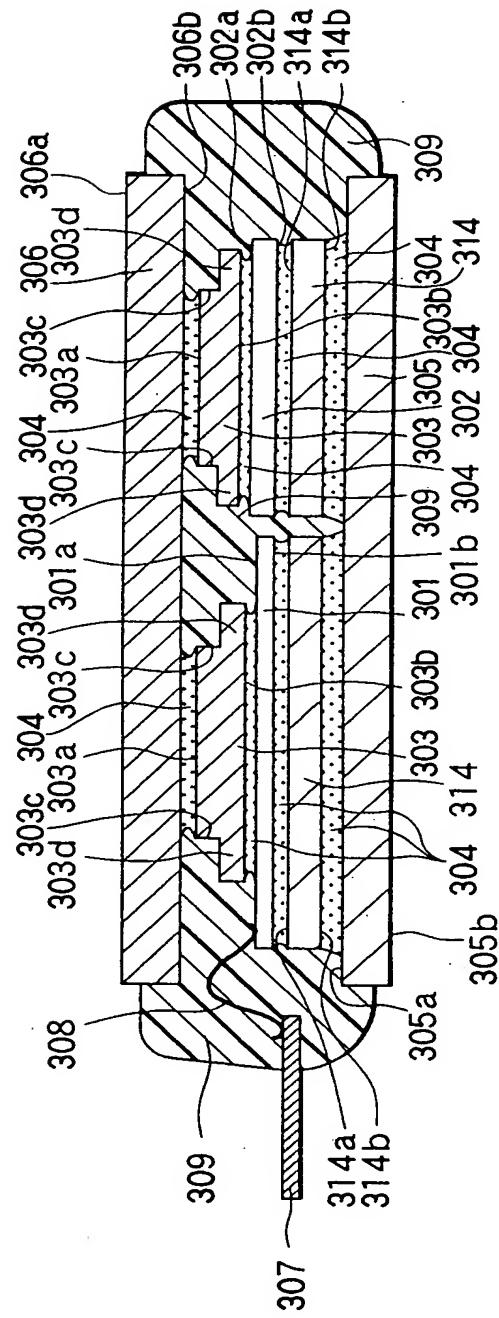
**FIG. 20C**



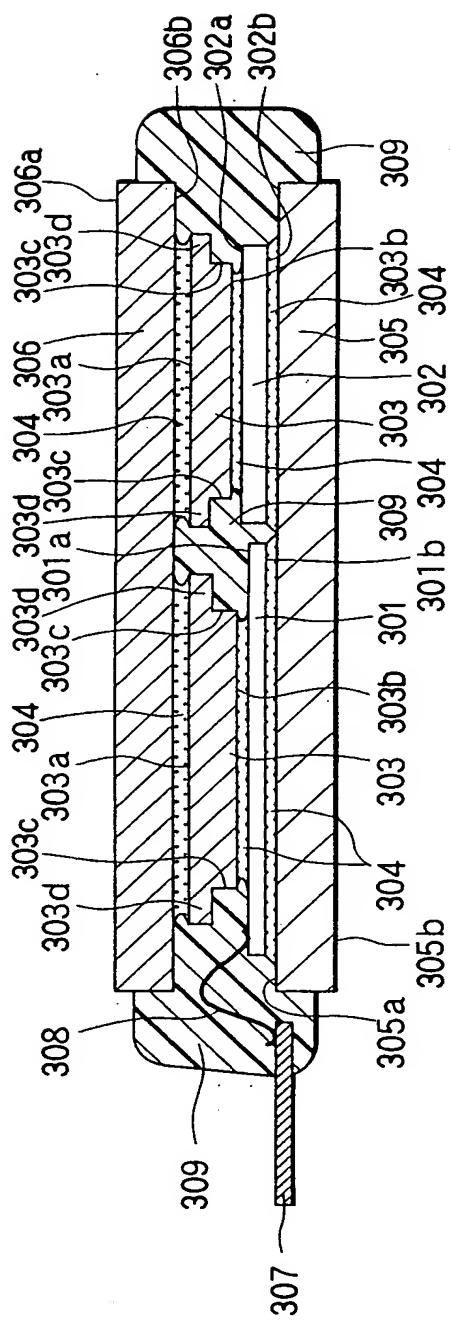
**FIG. 21**



**FIG. 22**



**FIG. 23**



**FIG. 24**

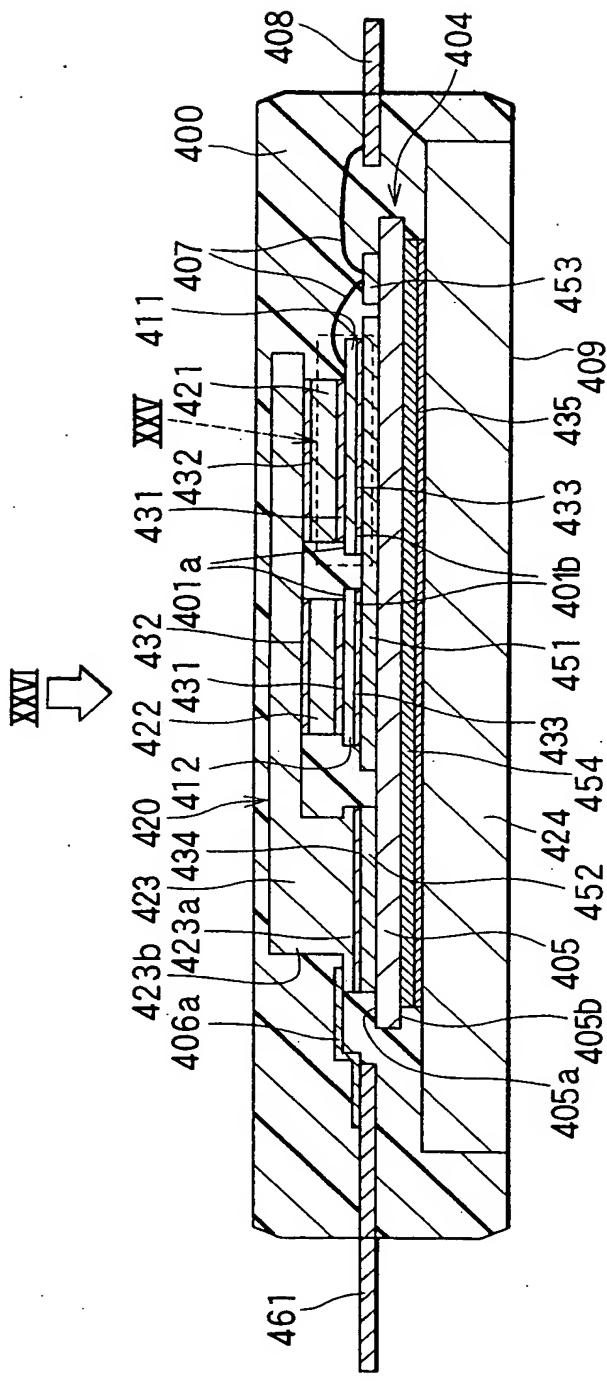


FIG. 25

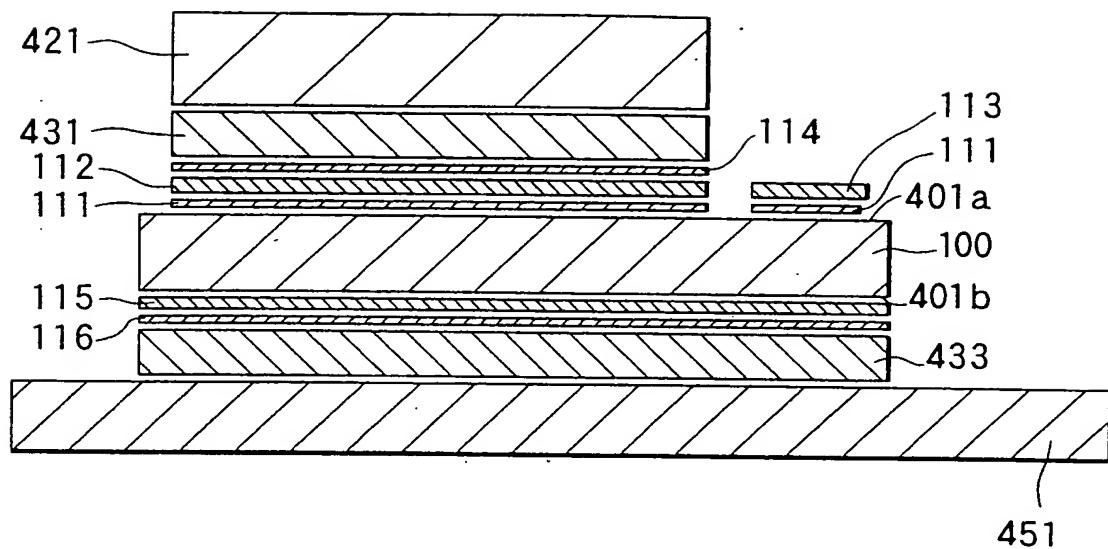


FIG. 26

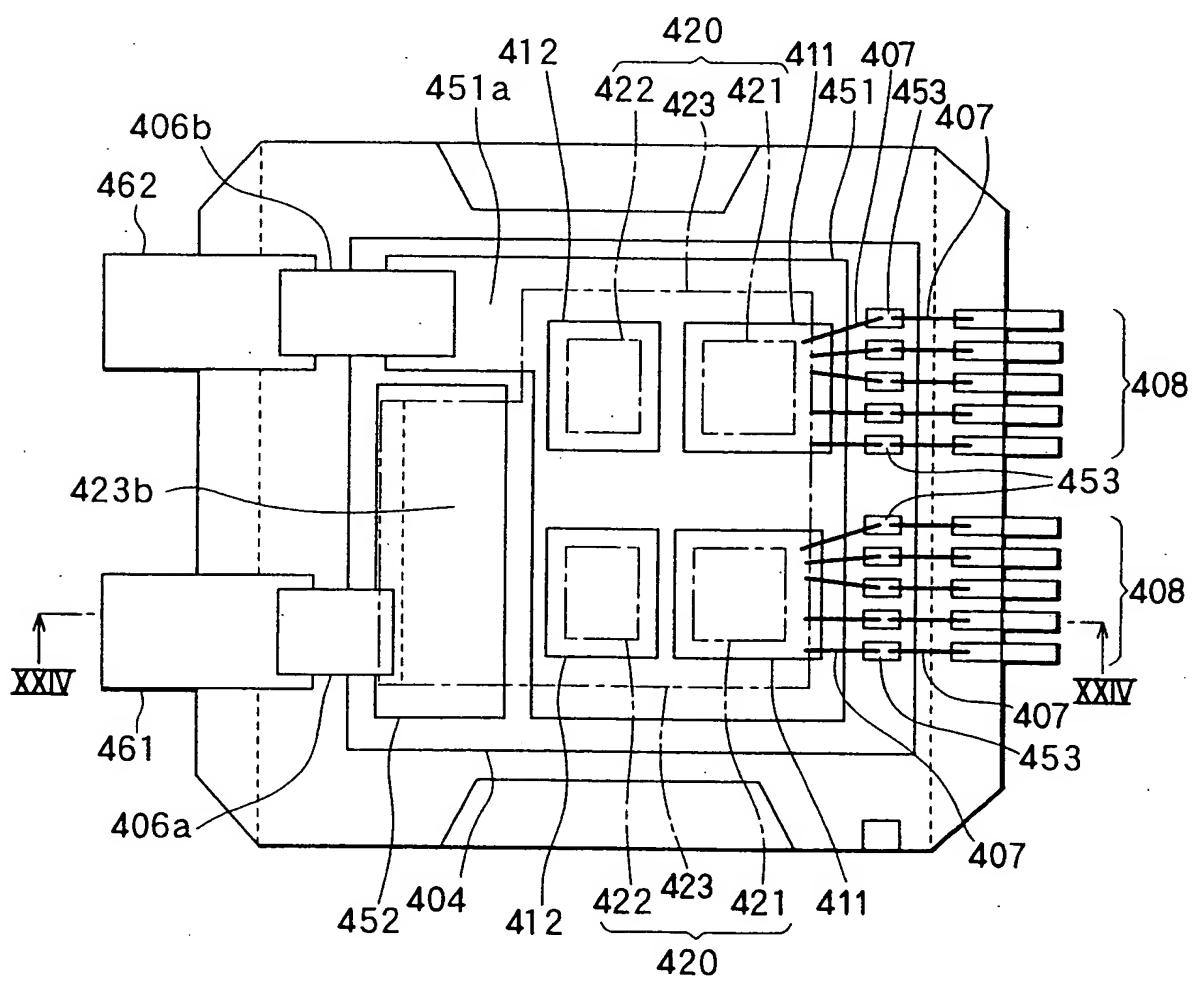


FIG. 27

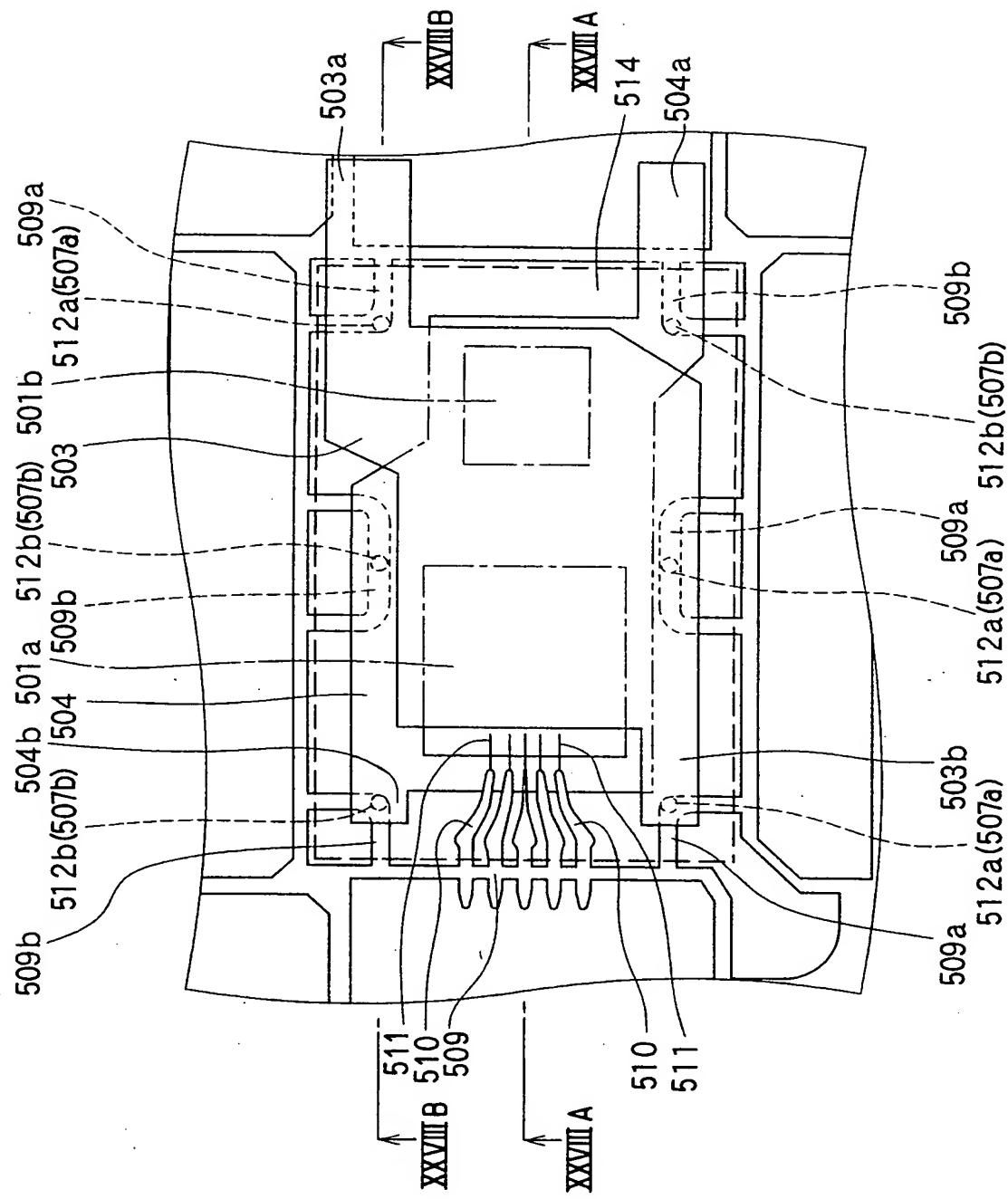


FIG. 28A

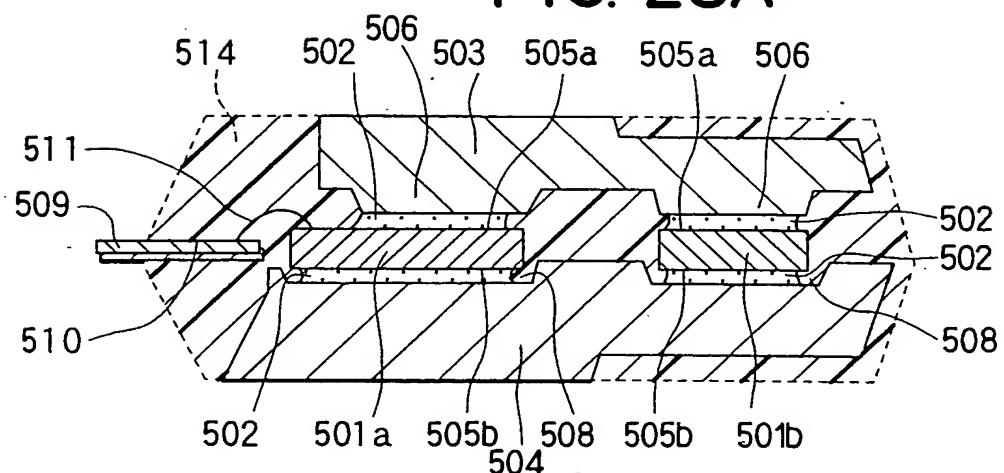


FIG. 28B

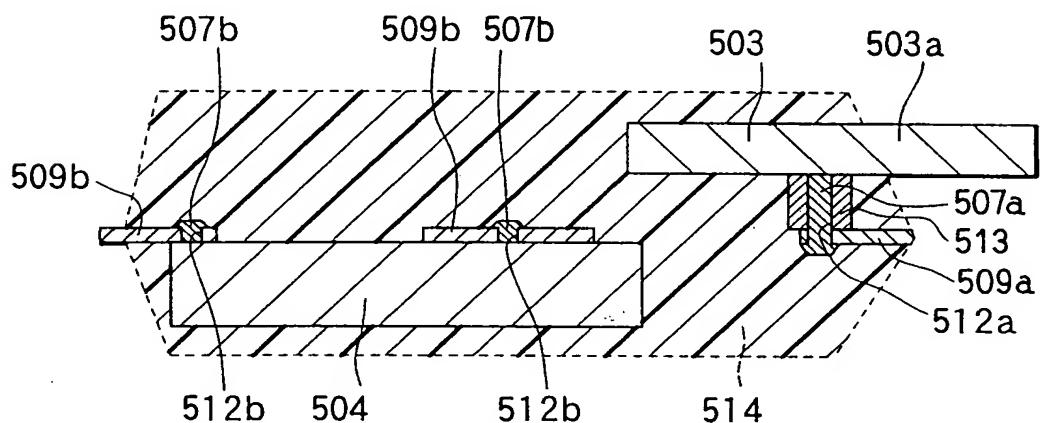
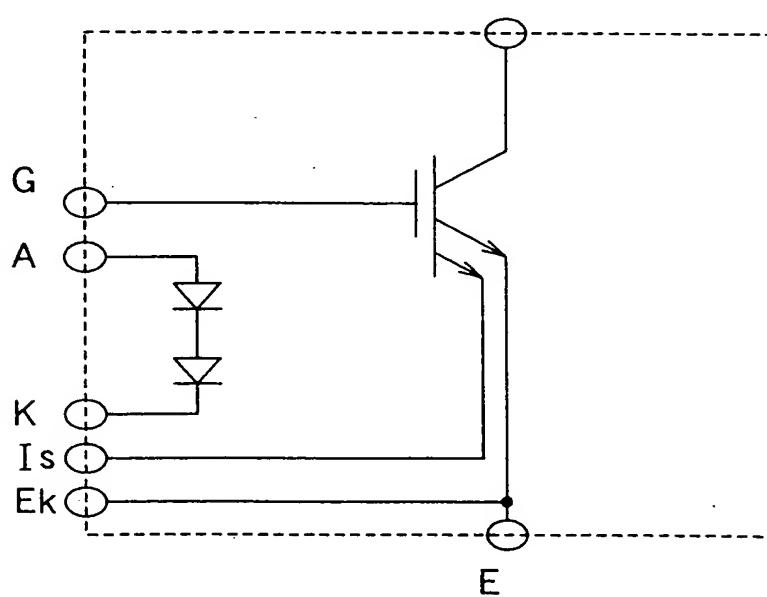
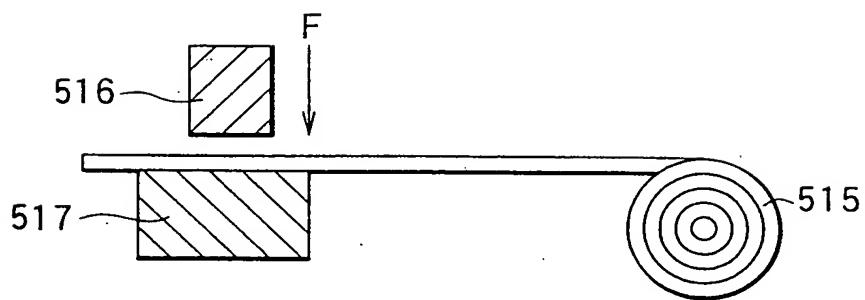


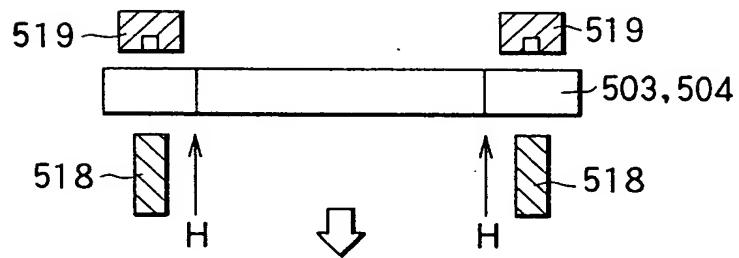
FIG. 29



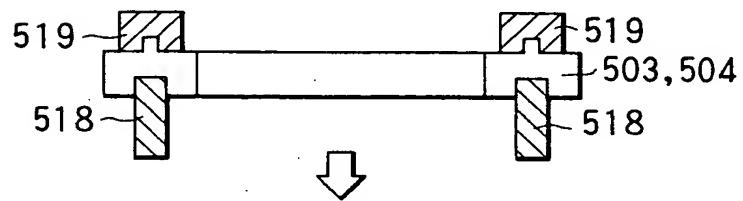
**FIG. 30A**



**FIG. 30B**



**FIG. 30C**



**FIG. 30D**



FIG. 31

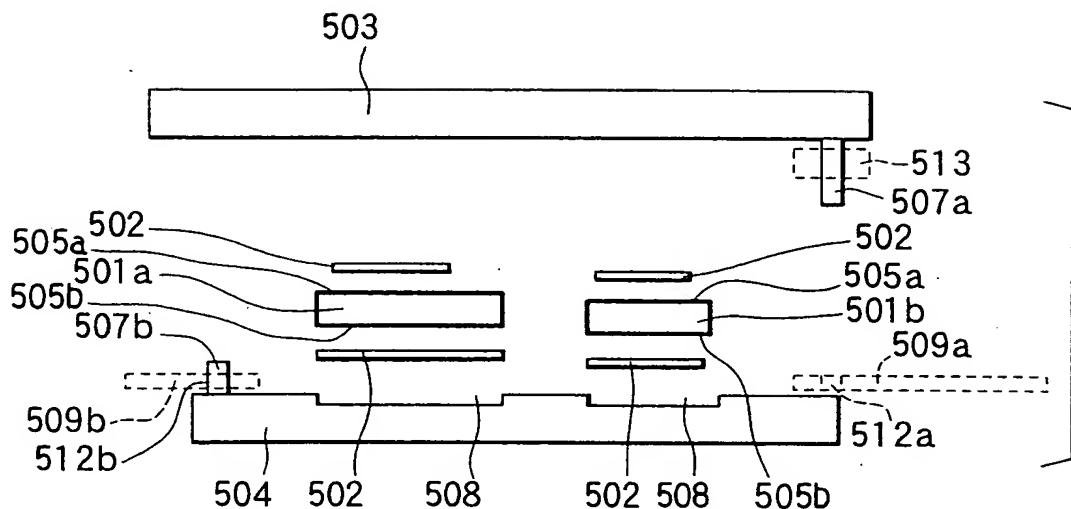


FIG. 32A

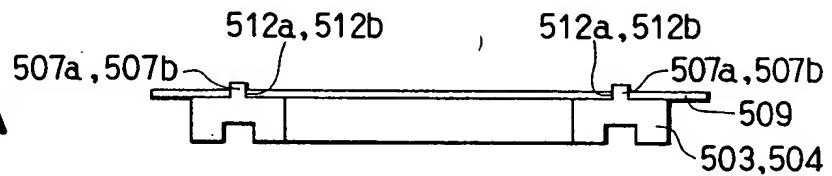


FIG. 32B

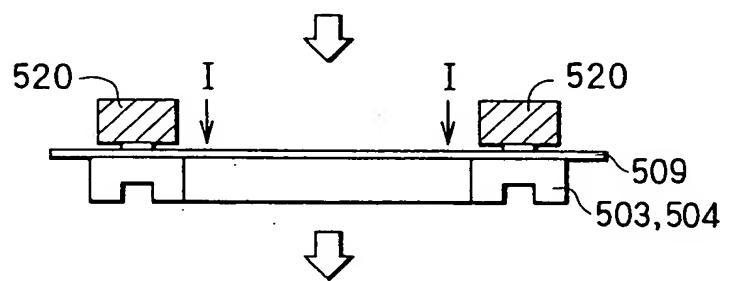


FIG. 32C

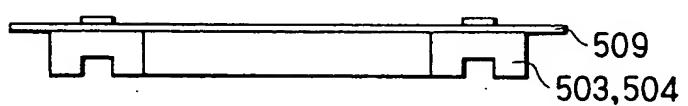


FIG. 33

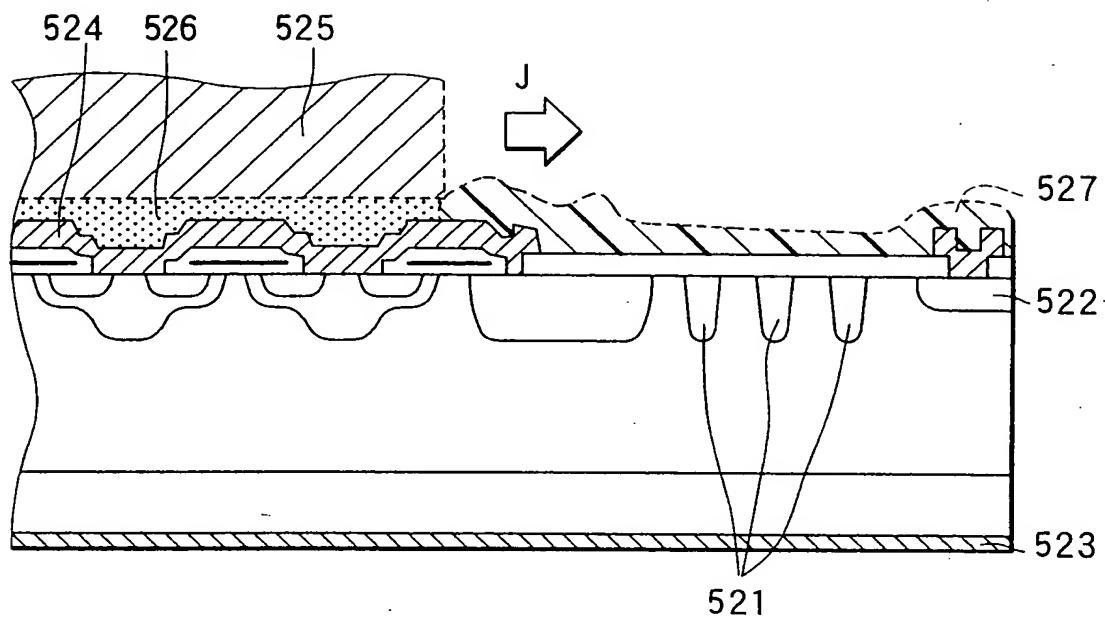
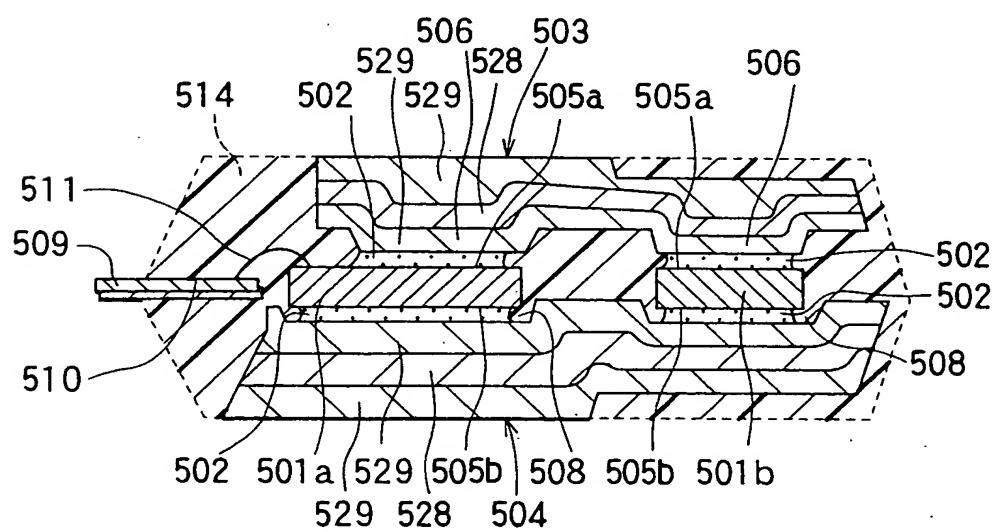
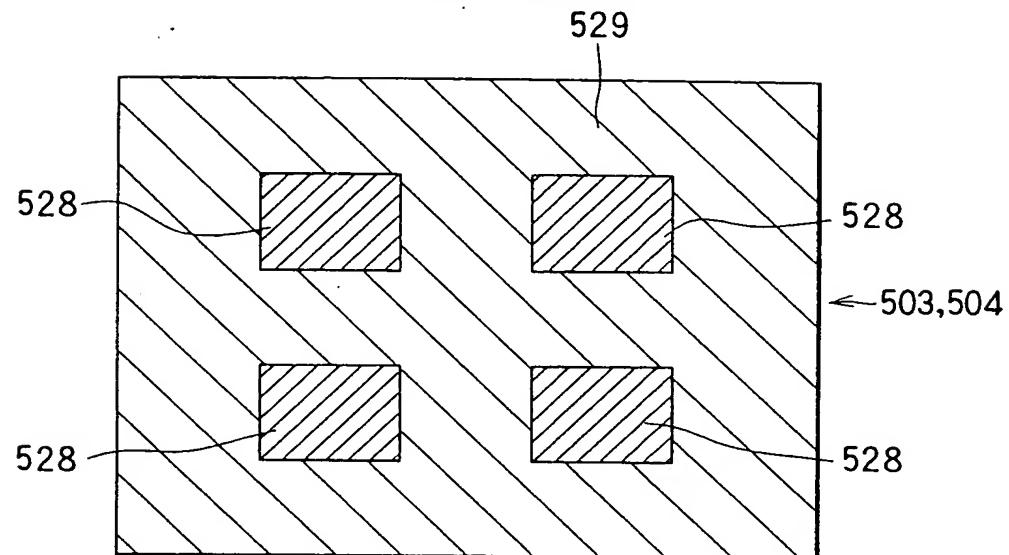


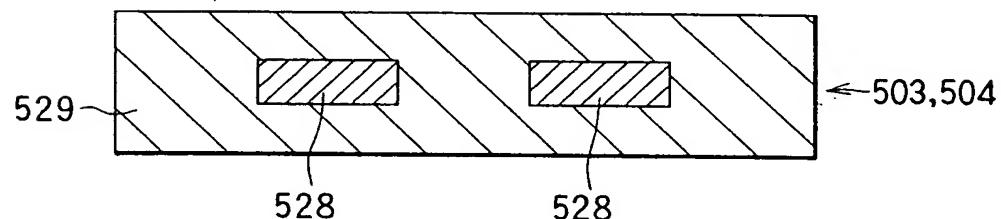
FIG. 34



**FIG. 35A**



**FIG. 35B**



**FIG. 36**

